

Dual Cooling System

-86°C ULT Freezer

M-Twindrive -86°C Ultra Low Temperature Freezer built up by two independent refrigeration systems and the Dual Cooling System offers the highest level of protection. If you stop any compressor by disconnecting it, the other can maintain the freezer around the -80°C. Valuable and irreplaceable samples can always be securely stored with the highest confidence even if the compressor fails.



DW-HL780



*Recovery Time After 1 Minute Door Open



*Pulling Down to -80°C



Daily Consumption

**Typical freezer data based on internal testing with freezer setpoint at -80°C and ambient temperature at 25°C.*

Features



Dual System
Two high-efficiency refrigeration systems



Touch Screen
10" LCD touch screen



Extreme Labor-saving
Ergonomic handle



Inverter Technology
Two inverter compressors

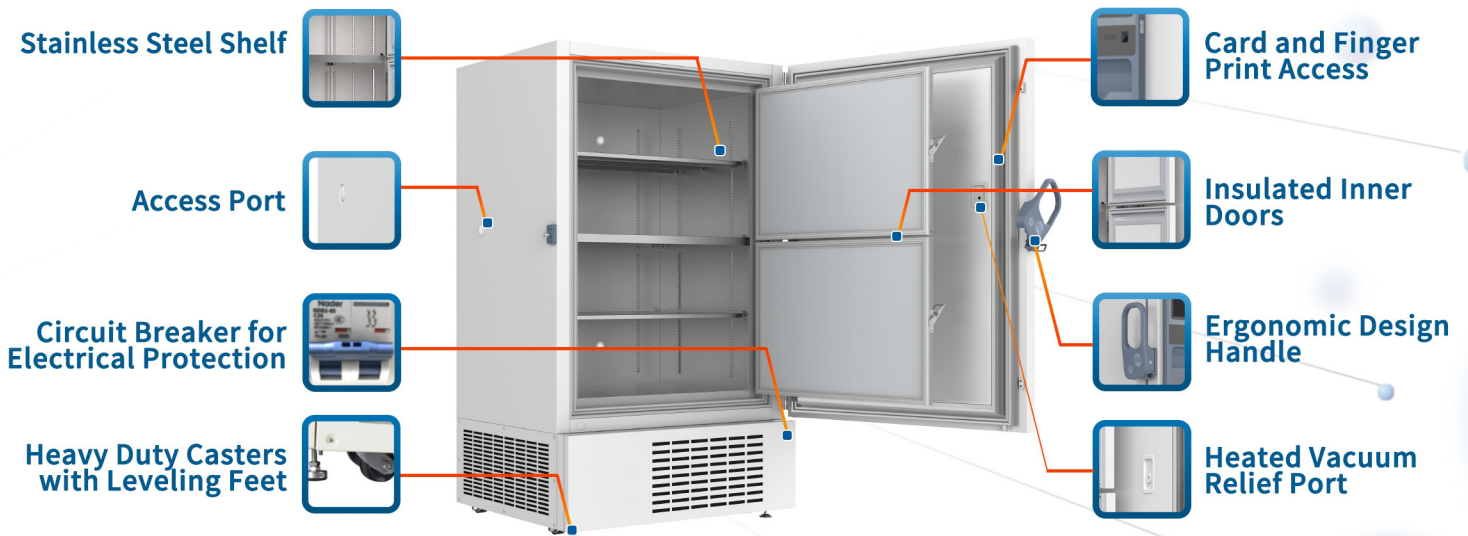


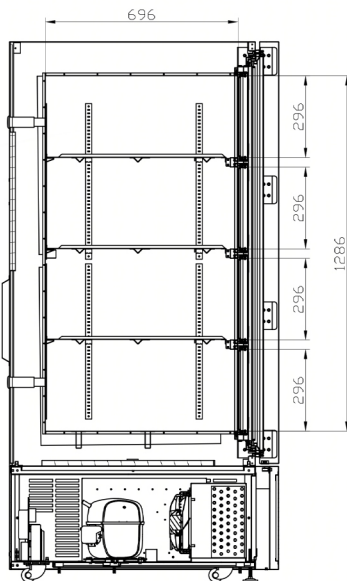
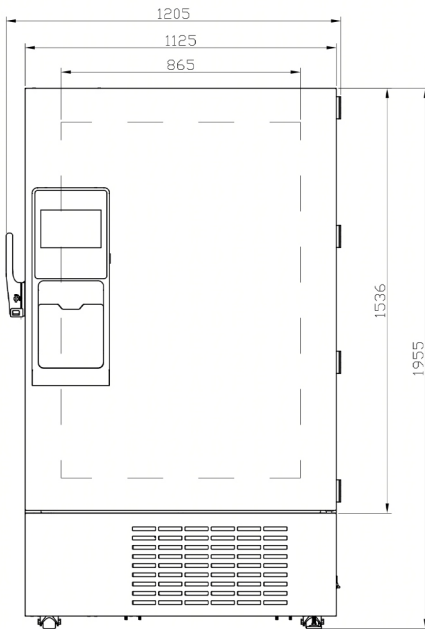
Vacuum Insulation
VIP insulation foaming



Alarms System
Multiple alarm functions

Structure





| -86°C Ultra-low Temperature Freezer | |
|--------------------------------------------|---------------------------------------------------------------------------|
| Model | DW-HL780 |
| Capacity | 780L/27.5Cu.Ft |
| Internal Size (W*D*H) mm/Inch | 865*696*1286/34.06*27.40*50.63 |
| External Size (W*D*H) mm/Inch | 1205*1025*1955/47.44*40.35*76.97 |
| Package Size (W*D*H) mm/Inch | 1266*1140*2127/49.84*44.88*83.74 |
| NW/GW (kgs) | 331/393(Paper Packaging) 425(Wooden Packaging) |
| Performance | |
| Temperature Range | -40~-86°C |
| Ambient Temperature | 16~32°C |
| Cooling Performance | -86°C |
| Climate Class | N |
| Controller | Microprocessor |
| Display | 10" HD Intelligent Touch Screen |
| Refrigeration | |
| Compressors | 2pcs |
| Cooling Method | Direct Cooling |
| Defrost Mode | Manual |
| Refrigerants | HC |
| Insulation Thickness(mm) | D:100, L/R: 130, B: 130 |
| Construction | |
| External Material | Cold Rolled Steel |
| Inner Material | Stainless Steel |
| Shelves | 3(stainless steel) |
| Access Test Port | 3pcs. Ø 25 mm |
| Casters | 4+(2 leveling feet) |
| Data Logging/ Interval /Memory Capacity | USB/Record every 5 minutes/10 years |
| Interface | Remote Alarm Contact, RS485 |
| Backup Battery | Yes |
| Alarms | |
| Temperature | High/Low Temperature, High Ambient Temperature |
| Electrical | Power Failure, Low Battery, Sensor Error, Battery Power Detection Failure |
| System | Data Communication Failure, Door Ajar, AB System Failure |
| Accessories | |
| Freezer Rack Model | ZKL304-552B-CT |
| Freezer Rack/Box (quantity) | 24/600 |
| Electrical Data | |
| Power Supply(V/HZ) | 110-230V/50&60Hz |
| Rated Current (A) | 14.83A |